

WHAT IS CLAIMED IS:

1. A juice extractor appliance for extracting juice from food articles, comprising:
 - a housing having an inlet feed tube for feeding the food articles into the appliance, and an outlet for outletting the juice extracted therefrom;
 - a cutter disc within said housing for cutting the food articles fed into the housing into a pulp saturated with juice;
 - a separator device within said housing for separating the juice from the pulp, which juice is outletted through said housing outlet;
 - and a drive within said housing for driving said cutter disc;
 - said cutter disc being formed on its surface facing the feed tube with a first group of blades in a circular region centrally of the cutter disc, and with a second group of blades in an outer peripheral region of the cutter disc around said central region;
 - said first group of blades consisting of two blades located on opposite sides of said central circular region and diametrically aligned with each other and with the center of said central circular region;
 - said second group of blades consisting of a plurality of lines of blades in said outer peripheral region radiating from said center circular region.
2. The appliance according to Claim 1, wherein the blades of said second group extend tangentially with respect to said center circular region.
3. The appliance according to Claim 1, wherein the blades of said second group radiate from approximately the mid-point of radial lines through said central circular region.

4. The appliance according to Claim 1, wherein said central region of the cutter disc is integrally formed with said outer peripheral region.

5. The appliance according to Claim 1, wherein said appliance further includes a pusher member including a gripping surface engageable with food articles when fed through the inlet feed tube; and wherein said central region of the cutter disc is separated from said outer peripheral region such as to act with said pusher member to reduce or inhibit rotation of the food article when engaged by the rotating blades of the outer peripheral region of the cutter disc.

6. The appliance according to Claim 1, wherein one blade of said first group is longer than the other blade of said first group.

7. The appliance according to Claim 6, wherein said longer blade of said first group terminates at the center of said central circular region.

8. The appliance according to Claim 1, wherein the two blades of said first group have substantially straight, slightly convex, diametrically-aligned cutting edges.

9. The appliance according to Claim 1, wherein said housing comprises a base including said drive and said outlet; a top cover including said inlet feed tube; and a locking bar pivotally mounted to said base and engageable with said top cover for locking said top cover to said base.

10. The appliance according to Claim 1, wherein said cutter disc is eccentrically located in the housing with respect to said feeding tube.

11. A cutter disc for a juice extractor appliance having a feed tube through which food articles are to be fed for extracting juice therefrom;

said cutter disc including means for mounting the cutter disc with respect to the feed tube, and being formed, on its surface to face the feed tube, with a first group of blades in a circular region centrally of the cutter disc, and with a second group of blades in an outer peripheral region around the central circular region;

said first group of blades consisting of at least one blade located on each of the opposite sides of said central circular region and diametrically aligned with each other and with the center of said central circular region;

said second group of blades consisting of a plurality of lines of blades in said outer peripheral region radiating from said center circular region.

12. The cutter disc according to Claim 11, wherein the blades of said second group extend tangentially with respect to said center circular region.

13. The cutter disc according to Claim 11, wherein the blades of said second group radiate from approximately the mid-points of radial lines through said central circular region.

14. The cutter disc according to Claim 11, wherein said first group of blades consists of two blades.

15. The cutter disc according to Claim 14, wherein one of said blades of said first group is longer than the other and terminates at the center of said central circular region.

16. The cutter disc according to Claim 14, wherein the two blades of said first group have substantially straight, slightly convex, diametrically-aligned cutting edges.

17. The cutter disc according to Claim 11, wherein said central region is integrally formed with said outer peripheral region.

18. The cutter disc according to Claim 11, wherein said central region is separated from said outer peripheral region.

19. A cutter disc for a juice extractor appliance having a feed tube through which food articles are to be fed for extracting juice therefrom;

said cutter disc including means for mounting the cutter disc with respect to the feed tube, and being formed, on its surface to face the feed tube, with a first group of blades in a circular region centrally of the cutter disc, and with a second group of blades in an outer peripheral region around the central circular region;

said first group of blades consisting of at least one blade located on each of the opposite sides of said central circular region and diametrically aligned with each other and with the center of said central circular region;

said second group of blades consisting of a plurality of lines of blades in said outer peripheral region radiating from said center circular region;

said central region including said first group of blades being separate from said outer peripheral region including said second group of blades such as to permit rotation of said outer peripheral region independently of said central region.

20. The cutter disc according to Claim 19, wherein said first group of blades consists of two blades.